

Title (en)

ELASTIC HINGE FOR EYEGLASSES WITH SAFETY LOCKING

Title (de)

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Title (fr)

ARTICULATION ELASTIQUE A VERROUILLAGE DE SECURITE POUR LUNETTES

Publication

EP 1090324 B1 20060719 (EN)

Application

EP 00915304 A 20000412

Priority

- IB 0000452 W 20000412
- IT PD990077 A 19990415

Abstract (en)

[origin: WO0063739A1] An elastic hinge comprising, at the end of a temple, a box-like portion which contains a spring which is kept compressed against its bottom by a body which can slide with respect to the box-like portion and is associated with a head which protrudes from the box-like portion and is adapted to abut against a first hinge component which partially retains it inside the box-like portion. The head and the first hinge component are cam-shaped, so as to form open and closed positions for the temple. The hinge comprises a retention element which is operatively interposed so that it can slide axially between the spring and the body and has an external portion whose radial dimensions are larger than corresponding undercuts which are provided in the box-like portion and act as stroke limiters for the retention element in the direction in which the spring pushes. The external portion is shaped so as to move beyond the undercuts when the retention element is inserted in the box-like portion. The retention element retains the spring inside the box-like portion even when the body exits completely from it.

IPC 8 full level

G02C 5/22 (2006.01)

CPC (source: EP KR)

G02C 5/22 (2013.01 - KR); **G02C 5/2227** (2013.01 - EP); **G02C 2200/26** (2013.01 - EP)

Cited by

IT201800002345A1; IT201900003847A1; US11415815B2; US10928650B2; WO2024023702A1

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